

# Health – Cosmetics



The Chimie Balard Cirimat Carnot Institute's work in the synthesis of bioactive molecules and materials contributes to major advances in drugs and medical care. Our institute also serves cosmetics companies with its expertise in the formulation of active ingredients, functional excipients and controlled release systems.



## Research skills and areas:

- ▶ Synthesis and characterisation of natural products and new bioactive molecules
- ▶ Targeting, vectorisation, delivery and release of active substances
- ▶ Galenics: formulation, preparation and characterisation
- ▶ Biomaterials and artificial polymers
- ▶ Functionalisation of antibacterial surfaces
- ▶ Cell-material interactions
- ▶ Molecular probes
- ▶ Medical devices
- ▶ New diagnostic tools for medical imaging and screening
- ▶ Tissue engineering
- ▶ Cell therapy
- ▶ Osteo-articular reconstruction

## Targeted industries

- Human & animal health
- Medical devices
- Fashion and luxury
- Biotechnology
- Food industry
- Defence
- Environment



## Services we offer

- Patents/Licenses
- Studies and Engineering
- Technology Platforms
- Advising
- Technical Services



## Industrial innovations and projects:

- ▶ Agonist peptides for tanning lotions commercialised by Unipex
- ▶ Ghrelin agonist in clinical phase 3 trials (Aetherna Zentaris)
- ▶ Biomimetic apatite for the repair of bone defects (Teknimed)
- ▶ NBJoint™ for cartilage regeneration

## Our partners

Pierre Fabre • L'Oréal • Sanofi • Covidien • Biom'up • Asptide Médical •  
Cisbio • ChromaLys • Servier • Aetherna Zentaris • Phost'in • Spherium  
• Idenix • Bayer Crop Science • Nosopharm • Syngenta • Arkopharma •  
Merial • Teknimed

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